

**AMENDED CLAIMS**

1. (currently amended) A process for the preparation of a composition comprising a pentasil-type zeolite, which process comprises the steps of:
  - a) hydrothermally treating an aqueous slurry comprising an aluminium source, a silicon source, a seeding material, and optionally a divalent metal source, thereby forming a pentasil-type zeolite and at least one other compound selected from the group consisting of anionic clay, cationic clay, Si-Al cogel, and (pseudo)boehmite, and
  - b) shaping the product of step a).
2. (cancelled)
3. (original) The process of claim 1 wherein the pentasil-type zeolite is a ZSM-type zeolite or zeolite beta.
4. (original) The process of claim 1 wherein a doped seed is used as the seeding material in step a).
5. (original) The process of claim 1 wherein step a) comprises mixing of an aluminium source, a silicon source, a seeding material, and a divalent metal source in a slurry, and wherein the divalent metal source is a magnesium source.
6. (original) The process of claim 6 wherein the magnesium source is selected from the group consisting of MgO, Mg(OH)<sub>2</sub>, hydromagnesite, magnesium carbonate, magnesium hydroxycarbonate, Mg-acetate, Mg-hydroxy-acetate, and mixtures thereof.

7. (original) The process of claim 1 wherein the aluminium source is selected from the group consisting of aluminium trihydrate, flash-calcined aluminium trihydrate, boehmite, pseudoboehmite, aluminium sol, amorphous alumina, gel alumina, transition alumina, and mixtures thereof.
8. (original) The process of claim 1 wherein the silicon source is sodium (meta) silicate, silica sol, or a mixture thereof.
9. (original) The process of claim 1 wherein step a) is performed continuously in a series of at least two reaction vessels.
10. (original) The process of claim 1 wherein step a) comprises mixing of an aluminium source, a silicon source, a seeding material, and a divalent metal source in a slurry, thereby forming a pentasil-type zeolite and an anionic or cationic clay as the other compound.
11. (original) The process of claim 1 wherein step a) comprises mixing of a silicon source, an excess of aluminium source, and a seeding material, thereby forming a pentasil-type zeolite and (pseudo)boehmite as the other compound.